

**ABSTRACT**

A control system for a marine vessel having three or more engines is disclosed. The three or more engines may be operated via one or two control levers from each of one or more control stations. The control system may include a first control lever and a second control lever, each of which has an associated operating range. The control levers operate the engine throttle and transmission controls for three or more engines in a plurality of modes. This may be accomplished under software control using a digital data link between respective engine control units associated with the engines.